

**Global Solar Radiation on a Horizontal Surface**  
**Hourly Integrated and Daily Totals**  
**Watt-Hours per Square Meter**  
**Elizabeth City State Universit - May 1999**

Field: GHI

Hour Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily
1	0	0	0	0	0	15	80	117	245	422	333	370	396	263	200	124	101	49	7	0	0	0	0	0	2721
2	0	0	0	0	0	4	23	41	117	105	129	214	152	72	53	53	20	7	2	0	0	0	0	0	993
3	0	0	0	0	0	11	59	219	468	813	364	266	267	279	202	125	75	38	4	0	0	0	0	0	3189
4	0	0	0	0	0	16	61	235	384	337	548	838	917	471	385	418	362	163	24	0	0	0	0	0	5159
5	0	0	0	0	0	35	157 ?	409 ?	575	667	861	856	628	643	431	333	139	15	1	0	0	0	0	0	5749
6	0	0	0	0	0	24	59	79	140	175	74	363	497	640	507	373	255	76	16	0	0	0	0	0	3276
7	0	0	0	0	0	66	184	414	611	756	871	855	815	836	664	548	363	175	27	0	0	0	0	0	7185
8	0	0	0	0	0	38	182	392	589	747	888	953	942	779	544	550	269	187	32	0	0	0	0	0	7090
9	0	0	0	0	0	47	213	422	613	774	897	963	947	760	791	568	350	139	28	0	0	0	0	0	7515
10	0	0	0	0	0	47	208	416	617	791	905	965	964	891	763	588	387	188	39	0	0	0	0	0	7770
11	0	0	0	0	0	57	220	423	598	754	832	951	794	568	696	671	459	167	21	0	0	0	0	0	7212
12	0	0	0	0	0	36	157	284	509	788	704	591	699	552	335	362	139	69	17	0	0	0	0	0	5244
13	0	0	0	0	0	43	133	188	363	855	519	300	429	300	429	301	185	67	5	0	0	0	0	0	4115
14	0	0	0	0	0	13	84	81	59	114	169	141	106	81	128	111	49	32	4	0	0	0	0	0	1173
15	0	0	0	0	0	2	19	70	101	98	82	99	79	80	79	51	31	13	5	0	0	0	0	0	808
16	0	0	0	0	0	37	84	152	143	195	140	194	249	380	260	163	136	31	6	0	0	0	0	0	2170
17	0	0	0	0	0	19	72	163	385	757 ?	927	987	985	936	799	613	416	212	34	0	0	0	0	0	7307
18	0	0	0	0	0	11	59	166	389	834	832	964	894	912	664	339	362	206	30	0	0	0	0	0	6662
19	0	0	0	0	0	12	42	109	245	386	448	473	509	269	399	167	69	63	27	0	0	0	0	0	3216
20	0	0	0	0	0	54	236	441	619	800	847	994	962	934	803	627	427	214	45	0	0	0	0	0	8003
21	0	0	0	0	1	52	245 ?	458	656	820	933	975	987	898	783	608	411	173	29	0	0	0	0	0	8029
22	0	0	0	0	1	57	231	436	622	785	899	951	956	787	738	581	380	186	21	0	0	0	0	0	7632
23	0	0	0	0	0	32	185	401	569	771	890	950	926	822	521	486	344	206	47	0	0	0	0	0	7149
24	0	0	0	0	1	54	149	174	174	269	212	371	258	181	321 ?	73	77	130	42	0	0	0	0	0	2486
25	0	0	0	0	1	69	246	457	661	821	934	990	986	910	745	310	176	48	25	0	0	0	0	0	7379
26	0	0	0	0	1	19	80	221	288	206	173	121	202	133	298	319	216	163	46	0	0	0	0	0	2488
27	0	0	0	0	1	58	238	458	654	822	934	957	998	894	781	594	436	224	53	0	0	0	0	0	8101
28	0	0	0	0	2	77	250	458	652	818	932	999	991	923	797	619	419	199	59	0	0	0	0	0	8194
29	0	0	0	0	1	72	245	454	637	803	919	959	875	845	788	618	420	220	55	0	0	0	0	0	7910
30	0	0	0	0	1	69	241	447	640	799	916	738	977	905	787	616	419	218	54	0	0	0	0	0	7828
31	0	0	0	0	1	69	238	444	633	796	914	923	986	837	619	315	197	128	80	0	0	0	0	0	7179
Avg	0	0	0	0	0	39	151	298	450	609	646	686	689	606	526	394	261	129	29	0	0	0	0	0	5514
S D	0	0	0	0	1	22	79	148	202	271	321	330	322	305	243	203	144	74	20	0	0	0	0	0	2471
S/A	0	0	0	0	1.36	0.57	0.52	0.5	0.45	0.44	0.5	0.48	0.47	0.5	0.46	0.52	0.55	0.57	0.69	1.7	0	0	0	0	0.45
Min	0	0	0	0	0	2	19	41	59	98	74	99	79	72	53	51	20	7	1	0	0	0	0	0	808
Max	0	0	0	0	2	77	250	458	661	855	934	999	998	936	803	671	459	224	80	0	0	0	0	0	8194

Daylight Data Recovery: 0% missing; 1% exceed the 15% QC threshold -- 5237 total daylight 5-minute measurements.

Note: Fractional values that do not appear in the hour columns are included in the calculation for daily values.

Data and Flag	Hour Column	Day Column
<value>*	20% < Missing < 100%	10% < Missing < 100%
<value>?	20% < Fail QC < 100%	10% < Fail QC < 100%
<blank>*	100% Missing	100% Missing
<blank>?	100% Fail QC	100% Fail QC

Station: EC  
Latitude: 36.30° N  
Longitude: 76.25° W  
Elevation: 4 Meters AMSL  
Time Zone: -5

Instrument: PSP  
Calibration Constant: 9.83 uV/Wm-2  
Serial Number: 25823F3  
Calibration Date: 5/20/98

**Direct Normal Solar Radiation  
Hourly Integrated and Daily Totals  
Watt-Hours per Square Meter  
Elizabeth City State Universit - May 1999**

Field: DNI

Hour Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily	
1	0	0	0	0	0	0	0	0	1	16	1	2	6	2	0	0	1	0	0	0	0	0	0	0	0	30
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	3
3	0	0	0	0	0	0	0	6	171	586	7	2	2	2	1	0	0	0	0	0	0	0	0	0	0	777
4	0	0	0	0	0	0	1	5	35	6	43	366	581	105	67	262	561	375	89	0	0	0	0	0	0	2497
5	0	0	0	0	0	57	437 ?	633 ?	630	562	634	491	206	316	72	50	3	0	0	0	0	0	0	0	0	4090
6	0	0	0	0	0	0	0	1	2	3	1	10	115	179	176	98	79	2	0	0	0	0	0	0	0	666
7	0	0	0	0	0	107	176	499	652	701	719	518	489	649	507	600	540	394	84	0	0	0	0	0	0	6635
8	0	0	0	0	0	66	296	505	632	670	756	784	764	558	388	542	219	410	136	0	0	0	0	0	0	6726
9	0	0	0	0	0	186	526	690	763	802	842	849	805	592	785	630	426	227	62	0	0	0	0	0	0	8186
10	0	0	0	0	0	135	435	605	702	748	773	783	787	768	744	689	603	448	129	0	0	0	0	0	0	8347
11	0	0	0	0	0	204	544	661	657	706	632	666	479	165	542	660	506	143	0	0	0	0	0	0	0	6566
12	0	0	0	0	0	15	119	123	488	710	316	138	199	154	9	51	2	1	0	0	0	0	0	0	0	2326
13	0	0	0	0	0	13	63	35	31	641	210	6	11	3	5	7	1	0	0	0	0	0	0	0	0	1026
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	1	0	0	0	0	0	0	0	0	6
15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	4
16	0	0	0	0	0	1	1	2	0	0	0	0	1	5	1	1	0	0	0	0	0	0	0	0	0	12
17	0	0	0	0	0	0	1	1	87	460 ?	793	850	852	844	801	744	689	565	150	0	0	0	0	0	0	6836
18	0	0	0	0	0	0	0	1	59	672	523	643	595	749	436	152	509	503	111	0	0	0	0	0	0	4954
19	0	0	0	0	0	0	1	2	4	24	16	31	18	2	62	39	1	1	1	0	0	0	0	0	0	203
20	0	0	0	0	0	138	487	636	676	741	654	833	774	834	813	762	680	498	175	0	0	0	0	0	0	8704
21	0	0	0	0	1	242	601	752	812	851	853	807	835	759	744	667	594	320	34	0	0	0	0	0	0	8871
22	0	0	0	0	1	164	468	596	658	711	725	727	703	526	569	578	488	333	27	0	0	0	0	0	0	7274
23	0	0	0	0	0	6	205	412	408	637	672	687	645	522	214	316	365	295	90	0	0	0	0	0	0	5475
24	0	0	0	0	0	4	19	2	1	4	2	8	8	8	84 ?	1	6	74	46	0	0	0	0	0	0	267
25	0	0	0	0	2	280	603	735	830	853	853	847	842	780	592	49	29	0	0	0	0	0	0	0	0	7295
26	0	0	0	0	0	1	1	20	9	1	3	1	2	1	6	8	13	70	68	0	0	0	0	0	0	204
27	0	0	0	0	0	131	525	708	789	834	838	750	835	760	736	665	704	570	267	0	0	0	0	0	0	9113
28	0	0	0	0	1	221	597	732	806	841	855	876	879	855	823	762	681	427	214	0	0	0	0	0	0	9570
29	0	0	0	0	4	276	562	689	746	804	827	800	659	684	773	732	651	521	232	0	0	0	0	0	0	8959
30	0	0	0	0	4	244	522	660	746	794	802	471	711	758	757	717	629	487	195	0	0	0	0	0	0	8497
31	0	0	0	0	4	226	489	634	718	763	795	736	762	567	304	55	11	6	105	0	0	0	0	0	0	6175
Avg	0	0	0	0	1	88	248	334	391	488	456	441	438	392	355	317	290	215	71	0	0	0	0	0	0	4526
S D	0	0	0	0	1	100	246	318	340	344	361	357	350	335	324	313	287	216	80	0	0	0	0	0	0	3555
S/A	0	0	0	0	2.22	1.14	0.99	0.95	0.87	0.7	0.79	0.81	0.8	0.86	0.91	0.99	0.99	1	1.12	2.42	0	0	0	0	0	0.79
Min	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Max	0	0	0	0	4	280	603	752	830	853	855	876	879	855	823	762	704	570	267	0	0	0	0	0	0	9570

Daylight Data Recovery: 0% missing; 1% exceed the 15% QC threshold -- 5237 total daylight 5-minute measurements.

Note: Fractional values that do not appear in the hour columns are included in the calculation for daily values.

Data and Flag	Hour Column	Day Column
<value>*	20% < Missing < 100%	10% < Missing < 100%
<value>?	20% < Fail QC < 100%	10% < Fail QC < 100%
<blank>*	100% Missing	100% Missing
<blank>?	100% Fail QC	100% Fail QC

Station: EC  
Latitude: 36.30° N  
Longitude: 76.25° W  
Elevation: 4 Meters AMSL  
Time Zone: -5

Instrument: NIP  
Calibration Constant: 7.53 uV/Wm-2  
Serial Number: 25519E6  
Calibration Date: 5/20/98

**Diffuse Solar Radiation on a Horizontal Surface (Shadow Band PSP)**  
**Hourly Integrated and Daily Totals**  
**Watt-Hours per Square Meter**  
**Elizabeth City State Universit - May 1999**

Field: DHI

Hour Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily
1	0	0	0	0	0	14	68	100	210	370	285	321	351	225	172	107	87	42	6	0	0	0	0	0	2357
2	0	0	0	0	0	4	20	35	101	91	111	184	131	62	46	46	18	7	2	0	0	0	0	0	856
3	0	0	0	0	0	10	50	195	328	276	319	229	229	239	173	107	64	33	3	0	0	0	0	0	2257
4	0	0	0	0	0	14	52	200	335	295	478	435	319	365	312	248	104	67	16	0	0	0	0	0	3242
5	0	0	0	0	0	25	72	107	152	192	263	351	410	339	353	286	122	13	1	0	0	0	0	0	2687
6	0	0	0	0	0	22	51	69	120	152	64	325	354	440	347	302	215	65	14	0	0	0	0	0	2540
7	0	0	0	0	0	52	136	160	162	166	184	322	311	207	235	144	108	70	19	0	0	0	0	0	2273
8	0	0	0	0	0	29	95	137	153	178	166	159	164	239	225	186	164	77	19	0	0	0	0	0	1990
9	0	0	0	0	0	29	63	80	96	110	100	108	142	188	143	145	151	79	22	0	0	0	0	0	1454
10	0	0	0	0	0	32	82	114	136	163	169	176	169	163	149	131	102	69	26	0	0	0	0	0	1680
11	0	0	0	0	0	31	64	94	138	153	218	263	291	395	247	222	208	120	18	0	0	0	0	0	2462
12	0	0	0	0	0	34	117	214	150	185	386	432	464	382	301	322	122	60	15	0	0	0	0	0	3184
13	0	0	0	0	0	40	111	158	339	290	330	270	374	265	370	261	158	57	4	0	0	0	0	0	3026
14	0	0	0	0	0	11	72	69	51	98	146	123	92	70	110	96	42	27	4	0	0	0	0	0	1012
15	0	0	0	0	0	2	16	60	87	85	71	85	68	69	69	44	26	11	5	0	0	0	0	0	699
16	0	0	0	0	0	31	71	132	123	166	120	167	213	330	225	140	117	27	5	0	0	0	0	0	1867
17	0	0	0	0	0	17	62	141	276	305	123	107	107	118	113	95	75	49	16	0	0	0	0	0	1603
18	0	0	0	0	0	10	51	142	315	233	288	295	268	179	272	224	116	58	18	0	0	0	0	0	2470
19	0	0	0	0	0	10	36	94	214	338	414	399	466	231	323	131	60	55	24	0	0	0	0	0	2793
20	0	0	0	0	0	34	86	113	142	163	203	138	161	123	107	99	85	65	24	0	0	0	0	0	1543
21	0	0	0	0	0	31	64	75	85	92	107	144	128	160	143	145	116	68	25	0	0	0	0	0	1386
22	0	0	0	0	1	35	87	127	161	180	201	210	244	278	254	185	140	88	14	0	0	0	0	0	2204
23	0	0	0	0	0	29	108	170	234	187	197	205	225	285	308	249	157	110	34	0	0	0	0	0	2497
24	0	0	0	0	1	51	134	162	161	248	196	332	231	163	229	69	71	105	35	0	0	0	0	0	2187
25	0	0	0	0	1	32	62	74	75	90	107	123	127	156	237	257	145	44	22	0	0	0	0	0	1552
26	0	0	0	0	0	17	72	201	270	180	153	103	172	113	264	288	196	132	36	0	0	0	0	0	2197
27	0	0	0	0	1	38	69	83	94	99	119	178	141	154	147	120	77	52	21	0	0	0	0	0	1395
28	0	0	0	0	1	37	64	76	84	91	97	96	89	88	86	82	71	63	31	0	0	0	0	0	1055
29	0	0	0	0	1	35	70	93	105	109	115	138	190	171	122	106	88	61	26	0	0	0	0	0	1430
30	0	0	0	0	1	36	75	98	111	117	137	250	239	167	136	113	98	69	29	0	0	0	0	0	1677
31	0	0	0	0	1	39	84	109	125	138	142	167	202	268	341	270	171	118	67	0	0	0	0	0	2243
Avg	0	0	0	0	0	27	73	119	166	179	194	220	228	214	212	168	112	63	19	0	0	0	0	0	1994
S D	0	0	0	0	0	13	27	46	82	78	103	102	108	100	92	81	49	31	13	0	0	0	0	0	661
S/A	0	0	0	0	1.46	0.48	0.37	0.38	0.5	0.44	0.53	0.46	0.47	0.47	0.43	0.48	0.44	0.49	0.69	1.79	0	0	0	0	0.33
Min	0	0	0	0	0	2	16	35	51	85	64	85	68	62	46	44	18	7	1	0	0	0	0	0	699
Max	0	0	0	0	1	52	136	214	339	370	478	435	466	440	370	322	215	132	67	0	0	0	0	0	3242

Daylight Data Recovery: 0% missing; 1% exceed the 15% QC threshold -- 5237 total daylight 5-minute measurements.

Note: Fractional values that do not appear in the hour columns are included in the calculation for daily values.

Data and Flag	Hour Column	Day Column
<value>*	20% < Missing < 100%	10% < Missing < 100%
<value>?	20% < Fail QC < 100%	10% < Fail QC < 100%
<blank>*	100% Missing	100% Missing
<blank>?	100% Fail QC	100% Fail QC

Station: EC  
Latitude: 36.30° N  
Longitude: 76.25° W  
Elevation: 4 Meters AMSL  
Time Zone: -5

Instrument: PSP  
Calibration Constant: 9.07 uV/Wm-2  
Serial Number: 25819F3  
Calibration Date: 5/20/98

**Dry Bulb Temperature (Roof)**  
**Hourly and Daily Averages**  
**Degrees Celsius**  
**Elizabeth City State Universit - May 1999**

Field: Temp

Hour Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily
1	10	10	10	10	10	10	10	10	11	12	12	12	12	12	12	11	12	12	12	11	11	11	11	11	11
2	11	11	11	11	12	12	12	12	12	12	12	12	12	12	11	11	11	11	11	11	11	11	11	11	11
3	11	11	11	11	11	11	11	12	13	15	15	15	15	15	14	14	14	14	14	14	13	13	13	12	13
4	12	12	12	12	12	12	12	14	15	16	17	19	20	20	21	21	21	20	18	15	14	14	14	14	16
5	14	13	13	13	13	13	14	18	20	21	23	23	24	25	24	23	22	21	20	20	19	19	20	19	19
6	19	19	19	18	18	18	18	19	19	20	20	20	22	23	24	25	25	25	24	23	22	22	21	21	21
7	20	20	19	19	19	19	20	21	22	23	25	26	27	29	29	30	30	29	26	24	23	23	22	22	24
8	22	22	21	21	22	21	22	23	24	25	26	27	28	29	29	29	28	28	26	25	23	22	21	20	24
9	19	19	18	18	17	17	18	20	22	25	27	27	28	28	28	28	28	27	26	23	21	20	20	19	23
10	18	18	17	16	16	16	18	20	21	21	22	23	23	24	24	24	24	23	21	20	18	17	17	16	20
11	16	15	15	14	14	15	17	19	21	22	23	24	24	23	23	24	23	22	20	18	18	17	17	17	19
12	17	17	17	16	16	17	18	19	21	23	23	24	24	24	23	23	23	21	21	20	20	20	20	20	20
13	19	19	19	19	19	19	20	20	22	24	24	20	22	22	21	22	21	20	19	17	17	17	17	16	20
14	16	17	16	16	16	15	15	15	15	14	14	15	14	15	15	13	13	13	13	13	13	13	13	13	15
15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	13	13	13	13	13	13	14	14	13
16	13	14	14	14	14	14	15	16	16	15	16	16	16	17	17	17	16	16	16	15	15	15	15	15	15
17	15	15	15	15	15	15	15	16	17	20	21	21	22	21	21	21	20	20	19	18	17	16	15	15	18
18	15	15	15	15	16	16	16	16	17	19	19	20	21	22	22	21	21	20	20	18	18	18	18	17	18
19	17	17	17	18	17	17	17	18	20	21	22	23	23	23	23	22	20	19	19	19	18	18	18	17	19
20	17	17	16	16	16	16	16	18	20	21	21	22	23	24	24	24	24	24	22	20	19	17	15	16	19
21	15	15	14	14	14	14	15	18	20	22	24	25	25	26	25	24	24	23	21	20	20	19	19	18	20
22	18	18	17	17	16	17	18	20	22	24	26	27	28	28	29	29	29	28	26	25	24	23	23	22	23
23	22	21	21	21	20	20	22	23	24	26	27	28	28	29	29	29	28	26	24	23	23	22	22	24	24
24	21	22	22	22	22	22	23	23	23	24	24	25	24	25	23	23	21	20	21	21	20	19	18	17	22
25	17	16	16	15	15	14	17	20	22	22	23	24	25	25	26	25	25	24	24	23	22	20	20	20	21
26	19	19	19	19	18	18	19	20	22	22	22	22	21	21	20	21	22	22	21	21	20	20	20	20	20
27	19	19	19	19	18	17	17	18	18	19	20	21	22	23	23	24	24	24	23	19	18	17	17	17	20
28	16	16	15	15	15	15	17	20	22	24	25	26	27	28	28	28	28	26	25	23	21	21	20	19	22
29	19	18	18	18	17	17	19	22	24	27	28	29	30	29	29	30	29	29	27	25	24	23	22	21	24
30	21	20	19	18	18	19	20	22	24	27	29	30	30	30	30	30	30	29	27	26	24	23	22	22	25
31	21	20	20	19	18	18	20	22	24	26	27	28	29	29	29	28	27	27	26	24	23	22	22	21	24
Avg	17	17	16	16	16	16	17	18	20	21	22	22	23	23	23	23	23	22	21	20	19	18	18	18	19
S/D	3	3	3	3	3	3	3	3	4	4	5	5	5	5	5	5	5	5	4	4	4	3	3	3	4
S/A	0.19	0.19	0.19	0.19	0.19	0.18	0.18	0.18	0.19	0.2	0.22	0.22	0.23	0.23	0.23	0.23	0.24	0.24	0.23	0.21	0.2	0.2	0.19	0.19	0.2
Min	10	10	10	10	10	10	10	10	11	12	12	12	12	11	11	11	11	11	11	11	11	11	11	11	11
Max	22	22	22	22	22	22	23	23	24	27	29	30	30	30	30	30	30	29	27	26	24	23	23	22	25

Data Recovery: 0% missing; 0% failed QC -- 8928 total 5-minute measurements.

Note: Fractional values that do not appear in the hour columns are included in the calculation for daily values.

Data and Flag	Hour Column	Day Column
<value>*	20% < Missing < 100%	10% < Missing < 100%
<value>?	20% < Fail QC < 100%	10% < Fail QC < 100%
<blank>*	100% Missing	100% Missing
<blank>?	100% Fail QC	100% Fail QC

Station: EC  
Latitude: 36.30° N  
Longitude: 76.25° W  
Elevation: 4 Meters AMSL  
Time Zone: -5

Instrument: HMP  
Calibration Constant: 1.00 deg C/mV  
Serial Number: P0520031 T  
Calibration Date: 6/1/95

**Relative Humidity  
Hourly and Daily Averages  
Percent  
Elizabeth City State Universit - May 1999**

Field: RH

Hour Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily
1	86	86	87	89	90	90	90	90	87	84	86	88	88	89	89	91	91	91	92	92	92	92	93	93	89
2	93	92	92	94	95	95	95	94	94	97	99	99	99	99	99	98	98	99	100	?	?	?	?	?	80 ?
3	98	96	96	97	98	100 ?	100 ?	92	80	72	73	76	77	78	81	88	96	95	95	95	98	97	98	100 ?	91
4	100 ?	99 ?	99	98	98	99	98	92	83	76	74	70	67	69	68	70	71	74	84	91	96	98	100	100 ?	86
5	?	?	?	?	?	?	?	99 ?	90	83	79	75	72	68	64	63	62	69	70	78	86	93	90	91	59 ?
6	96	98	98	99 ?	?	?	?	99	98	96	99	92	84	83	81	81	85	90	94	95	96	98	99	99	82 ?
7	100 ?	98 ?	97	94	92	93	89	84	79	75	71	66	61	55	52	49	50	55	67	75	85	90	92	95	78
8	97	98	99	99	98	98	97	88	75	69	65	57	50	48	47	41	38	38	43	49	53	57	61	66	68
9	74	75	77	77	79	82	79	69	61	50	38	36	34	35	35	33	35	37	48	72	79	86	88	91	61
10	93	96	97	99	98 ?	93	89	72	63	57	53	49	46	47	49	51	50	55	56	67	76	82	83	85	71
11	92	94	96	98	98	99	89	76	62	52	44	41	40	46	46	43	44	49	57	68	74	83	88	89	69
12	88	84	87	90	91	93	91	88	81	70	65	72	73	70	76	78	81	88	86	89	91	93	96	97	84
13	98	99 ?	?	?	?	100 ?	99	97	89	81	76	95	94	88	90	88	90	94	98	100 ?	?	?	?	?	66 ?
14	100 ?	99	98	97	96	94	90	90	94	97	98	98	95	94	90	88	96	98	98	96	93	91	89	89	95
15	92	92	92	93	94	93	98	99	100	100 ?	99	98	99	99	99	97	99 ?	100 ?	100 ?	99	99	100	98	98	97 ?
16	98	97	97	97	97	98	96	94	97	100 ?	100 ?	?	99 ?	94	91	92	92	95	98	100 ?	?	?	?	?	76 ?
17	?	?	?	?	?	?	?	100 ?	97	86	78	73	68	74	73	71	75	75	77	81	94	99	100 ?	?	55 ?
18	?	?	?	?	?	?	?	100 ?	97	87	82	76	76	70	72	77	79	82	84	93	98	97	98	100 ?	61 ?
19	?	?	?	?	?	?	?	99 ?	95	89	83	79	76	78	83	85	97	99	97	98	97	99	100 ?	?	61 ?
20	?	?	96 ?	90	86	84	80	76	67	63	61	52	50	41	36	37	32	35	45	56	64	77	83	90	58 ?
21	96	97	100 ?	?	?	?	97 ?	82	66	49	39	37	36	35	49	52	51	57	70	77	80	77	77	81	59 ?
22	83	85	87	88	90	91	89	81	73	65	57	52	51	49	46	44	44	50	58	69	72	68	66	66	68
23	62	64	68	70	73	77	80	75	73	71	69	67	60	58	58	61	58	64	81	81	89	82	85	84	71
24	90	91	89	89	90	89	88	88	86	83	81	78	83	82	89	93	94	97	97	99	88	73	77	82	87
25	79	74	74	77	79	89	78	59	44	46	49	45	41	41	41	40	44	57	63	67	66	70	76	78	61
26	80	80	83	82	84	83	82	73	56	55	55	61	60	65	76	69	69	70	75	80	87	90	81	82	74
27	85	88	89	83	74	71	65	61	55	51	48	47	45	42	39	37	35	37	67	71	74	80	84	61	
28	91	95	98	99 ?	?	?	90 ?	70	55	36	34	25	24	27	28	29	32	38	41	51	67	77	83	87	53 ?
29	88	91	91	85	86	85	78	61	52	42	37	32	32	33	31	30	32	38	44	53	54	56	64	70	57
30	73	75	79	83	83	83	79	72	65	55	45	37	35	32	31	31	34	39	52	53	57	61	67	66	58
31	63	68	75	82	87	88	83	74	64	59	54	49	47	39	40	45	48	56	61	62	72	83	83	84	65
Avg	88	89	90	90	89	90	88	83	76	71	67	64	63	62	63	63	65	68	73	79	81	83	85	87	71
S D	11	10	9	8	8	7	9	12	16	18	20	22	23	22	22	23	24	23	20	16	14	13	11	10	13
S/A	0.12	0.11	0.1	0.09	0.09	0.08	0.1	0.15	0.21	0.26	0.3	0.34	0.36	0.35	0.36	0.36	0.37	0.34	0.28	0.21	0.17	0.15	0.13	0.12	0.18
Min	62	64	68	70	73	71	65	59	44	36	34	25	24	27	28	29	32	35	37	49	53	56	61	66	53
Max	100	99	100	99	98	100	100	100	100	100	100	99	99	99	99	98	99	100	100	100	99	100	100	100	97

Data Recovery: 0% missing; 10% failed QC -- 8928 total 5-minute measurements.

Note: Fractional values that do not appear in the hour columns are included in the calculation for daily values.

Data and Flag	Hour Column	Day Column
<value>*	20% < Missing < 100%	10% < Missing < 100%
<value>?	20% < Fail QC < 100%	10% < Fail QC < 100%
<blank>*	100% Missing	100% Missing
<blank>?	100% Fail QC	100% Fail QC

Station: EC  
Latitude: 36.30° N  
Longitude: 76.25° W  
Elevation: 4 Meters AMSL  
Time Zone: -5

Instrument: HMP  
Calibration Constant: 1.00 %/mV  
Serial Number: P0520031 H  
Calibration Date: 6/1/95

**Temperature (CR10)**  
**Hourly and Daily Averages**  
**Degrees Celsius**  
**Elizabeth City State Universit - May 1999**

Field: Temp CR10

Hour Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily
1	9	9	9	9	10	10	10	11	11	13	13	13	13	13	13	13	12	12	12	12	11	11	11	10	11
2	10	11	11	11	11	12	12	12	12	12	12	12	12	12	11	11	11	11	11	11	11	10	10	10	11
3	10	11	11	11	11	11	11	12	14	17	18	17	17	17	17	16	14	14	14	14	13	13	13	13	14
4	12	12	12	12	12	12	12	14	16	18	19	22	23	23	24	23	24	23	20	17	15	14	13	13	17
5	13	12	12	12	12	12	14	18	22	24	27	27	27	28	27	26	25	23	21	19	18	18	19	19	20
6	18	18	18	18	18	17	18	18	19	21	21	20	22	25	26	26	27	26	25	23	22	22	21	20	21
7	20	19	19	19	19	19	20	22	24	26	27	28	29	30	31	32	32	31	28	25	24	23	22	22	25
8	21	21	21	21	21	21	22	24	26	27	28	29	30	30	30	31	30	29	27	25	23	21	20	19	25
9	18	17	17	16	16	16	18	21	24	28	31	31	31	31	31	31	30	29	27	24	22	20	19	18	24
10	18	17	16	15	15	15	17	20	22	24	25	26	27	27	27	27	27	26	23	20	18	16	15	14	21
11	14	14	13	13	12	13	15	19	22	25	27	27	27	26	25	27	26	25	21	19	17	17	16	16	20
12	16	16	15	15	14	15	16	19	21	25	26	27	27	27	26	25	24	22	21	21	20	20	19	19	21
13	19	19	18	18	18	18	19	20	23	27	29	24	23	23	23	24	23	22	20	19	18	17	17	16	21
14	16	16	16	16	16	16	16	16	15	14	14	14	15	14	14	15	14	13	12	12	13	13	13	13	14
15	12	12	12	13	13	13	13	12	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
16	13	13	13	13	13	13	14	15	16	16	16	16	16	17	18	18	18	17	16	15	15	15	15	15	15
17	15	15	15	14	14	14	15	16	18	22	24	24	24	24	24	24	24	23	21	18	17	15	15	15	19
18	15	15	15	15	16	16	16	17	18	21	22	23	24	24	25	24	23	23	21	19	18	18	18	18	19
19	17	17	17	17	17	17	17	18	20	22	24	25	26	26	25	24	21	20	19	19	18	18	17	17	20
20	16	16	16	15	15	15	16	19	21	23	24	25	25	26	27	27	27	26	24	20	17	15	14	13	20
21	13	13	13	13	13	13	15	18	22	25	27	28	28	29	29	28	27	26	22	20	19	18	18	17	21
22	17	16	16	16	15	15	17	20	23	26	29	30	30	31	31	31	31	30	28	25	24	23	23	22	24
23	21	21	21	21	21	20	20	23	25	26	28	29	30	30	31	31	31	30	28	25	23	22	22	21	25
24	21	21	21	21	21	22	22	23	24	24	25	25	25	26	24	24	22	20	21	20	19	18	17	15	22
25	15	14	14	13	12	12	16	20	24	26	26	26	27	27	28	27	27	25	24	23	22	20	19	19	21
26	19	19	18	18	17	18	18	20	22	23	23	23	22	22	21	22	23	23	22	21	20	19	19	19	20
27	19	19	19	18	18	17	18	19	21	22	23	24	24	25	26	26	26	26	24	21	18	16	15	15	21
28	14	14	13	13	13	14	16	20	24	27	29	29	29	30	31	32	31	30	27	24	21	20	18	18	22
29	17	16	16	16	16	19	23	26	29	31	32	33	33	33	33	33	32	31	29	26	24	22	21	20	25
30	19	19	18	17	17	20	23	26	30	32	33	33	33	33	33	33	32	29	26	24	23	22	21	25	25
31	20	19	19	18	17	20	23	26	28	30	32	32	31	32	31	29	28	27	25	23	21	21	20	24	24
Avg	16	16	16	15	15	15	17	19	21	23	24	24	25	25	25	25	24	23	22	20	19	18	17	17	20
S/D	3	3	3	3	3	3	3	4	4	5	6	6	6	6	6	6	6	6	5	4	4	4	3	3	4
S/A	0.2	0.2	0.2	0.19	0.2	0.19	0.18	0.19	0.21	0.22	0.23	0.24	0.24	0.24	0.25	0.25	0.26	0.26	0.24	0.22	0.21	0.2	0.2	0.2	0.2
Min	9	9	9	9	10	10	10	11	11	12	12	12	12	12	11	11	11	11	11	11	11	10	10	10	11
Max	21	21	21	21	21	22	22	24	26	30	32	33	33	33	33	33	33	32	29	26	24	23	23	22	25

Data Recovery: 0% missing; 0% failed QC -- 8928 total 5-minute measurements.

Note: Fractional values that do not appear in the hour columns are included in the calculation for daily values.

Data and Flag	Hour Column	Day Column
<value>*	20% < Missing < 100%	10% < Missing < 100%
<value>?	20% < Fail QC < 100%	10% < Fail QC < 100%
<blank>*	100% Missing	100% Missing
<blank>?	100% Fail QC	100% Fail QC

Station: EC  
Latitude: 36.30° N  
Longitude: 76.25° W  
Elevation: 4 Meters AMSL  
Time Zone: -5

Instrument: CSIT  
Calibration Constant: 1.00 deg C/mV  
Serial Number: 0  
Calibration Date: 6/1/95

**Wind Speed**  
**Hourly and Daily Averages**  
**Meters/Second**  
**Elizabeth City State Universit - May 1999**

Field: WS

Hour Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily
1	5	5	5	6	6	6	7	7	6	7	7	7	7	7	8	8	8	7	7	7	6	6	6	6	7
2	6	6	6	6	6	7	7	7	7	6	6	8	7	6	7	6	6	6	6	5	5	4	4	4	6
3	3	3	3	3	3	3	2	3	4	3	4	4	4	4	4	4	3	3	3	3	3	2	2	2	3
4	2	2	3	2	2	1	1	1	2	2	2	2	2	2	1	2	2	2	2	3	2	2	1	1	2
5	1	0	0	0	1	0	0	0	1	1	2	3	3	3	3	4	4	2	1	1	0	1	3	1	1
6	1	1	2	1	1	1	1	1	1	2	2	2	3	3	4	3	3	2	2	2	3	3	1	2	2
7	2	3	3	3	3	3	3	5	5	4	5	5	5	4	4	4	3	3	3	2	3	4	3	2	3
8	2	3	3	3	3	3	3	4	6	6	6	6	6	6	5	5	5	4	2	1	1	1	1	1	4
9	1	2	2	2	2	1	2	2	1	1	1	2	1	2	3	4	3	2	1	1	1	0	0	0	1
10	0	0	0	1	2	2	3	4	5	4	4	3	4	3	3	3	3	3	2	2	1	1	1	0	2
11	0	0	0	0	0	1	2	2	3	3	3	4	4	4	4	4	3	3	3	3	2	2	2	2	2
12	2	1	1	1	1	2	2	2	3	4	4	5	5	5	5	5	4	3	3	3	2	1	1	1	3
13	1	0	0	0	1	1	2	2	1	2	2	3	2	3	3	3	3	3	3	4	3	3	4	3	2
14	3	3	3	4	5	5	5	5	5	5	5	5	5	5	6	7	6	5	5	5	5	6	5	6	5
15	4	4	5	5	5	6	5	6	6	6	6	6	7	6	7	6	6	6	5	5	5	4	4	4	5
16	4	4	4	3	3	3	4	4	4	4	4	4	4	5	5	4	5	5	4	4	3	3	3	3	4
17	3	3	2	2	2	2	2	2	2	3	3	4	5	4	5	4	4	4	3	2	3	2	2	2	3
18	2	2	2	3	3	3	2	3	3	4	4	3	4	4	4	3	4	3	2	2	2	2	2	2	3
19	1	1	1	1	1	1	1	2	3	2	3	3	3	3	3	4	4	2	2	2	1	1	0	0	2
20	0	0	1	2	2	2	2	3	4	4	3	3	3	3	3	3	3	2	1	0	0	0	1	2	2
21	1	1	1	2	2	2	2	1	2	2	2	2	2	2	3	4	3	3	2	1	2	2	2	2	2
22	2	2	2	2	2	2	2	3	3	3	3	4	3	4	4	4	4	2	2	3	3	3	4	3	3
23	3	4	3	4	4	3	2	4	5	4	4	4	4	5	5	4	4	4	4	3	3	3	4	2	4
24	3	3	4	5	5	5	6	5	5	4	5	5	4	3	4	4	4	1	0	0	1	0	0	0	3
25	0	0	1	1	0	0	0	1	1	3	3	4	4	5	4	5	3	2	1	2	2	0	0	0	2
26	0	0	1	1	1	1	1	0	1	1	1	2	2	2	2	3	3	3	2	1	2	1	2	1	1
27	1	2	2	3	4	3	2	3	4	4	3	3	3	3	3	3	3	2	1	2	1	1	1	2	2
28	1	1	0	0	0	0	1	1	1	2	2	3	2	2	2	2	1	2	2	1	2	1	1	0	1
29	0	1	1	1	1	1	1	1	2	2	2	2	1	2	3	3	3	2	2	2	2	2	2	2	2
30	2	2	2	2	2	2	2	3	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2
31	2	2	2	1	1	1	2	3	2	2	2	2	3	3	3	2	2	2	3	2	2	2	2	2	2
Avg	2	2	2	2	2	2	2	3	3	3	3	4	4	4	4	4	4	3	3	2	2	2	2	2	3
S/D	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	1	1	1
S/A	0.73	0.74	0.7	0.74	0.7	0.74	0.7	0.59	0.55	0.51	0.45	0.42	0.41	0.36	0.35	0.35	0.35	0.44	0.56	0.58	0.6	0.72	0.7	0.73	0.47
Min	0	0	0	0	0	0	0	0	1	1	1	2	1	2	1	2	1	1	0	0	0	0	0	0	1
Max	6	6	6	6	6	7	7	7	7	7	7	8	7	7	8	8	8	7	7	7	6	6	6	6	7

Data Recovery: 0% missing; 0% failed QC -- 8928 total 5-minute measurements.

Note: Fractional values that do not appear in the hour columns are included in the calculation for daily values.

Data and Flag	Hour Column	Day Column
<value>*	20% < Missing < 100%	10% < Missing < 100%
<value>?	20% < Fail QC < 100%	10% < Fail QC < 100%
<blank>*	100% Missing	100% Missing
<blank>?	100% Fail QC	100% Fail QC

Station: EC  
Latitude: 36.30° N  
Longitude: 76.25° W  
Elevation: 4 Meters AMSL  
Time Zone: -5

Instrument: NRG  
Calibration Constant: 0.76 m/s/mV  
Serial Number: 0 WS  
Calibration Date: 6/1/95

**Wind Direction**  
**Hourly and Daily Averages**  
**Degrees**  
**Elizabeth City State Universit - May 1999**

Field: WD

Hour Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily
1	329	340	326	329	326	316	344	336	324	332	330	313	306	311	316	319	321	321	327	313	309	322	322	311	322
2	316	304	314	322	314	317	307	311	305	305	299	312	301	312	301	319	308	320	315	306	289	303	300	296	309
3	291	299	285	300	299	297	266	269	288	290	272	274	274	266	271	272	279	271	279	274	283	283	287	288	281
4	295	271	288	285	285	281	254	226	249	261	283	257	220	172	169	156	130	61	54	53	49	72	65	57	275
5	65	75	91	98	77	103	121	83	42	23	39	33	32	54	46	71	56	77	41	60	75	172	169	201	62
6	113	114	132	143	124	76	66	137	126	155	166	83	96	88	83	96	116	95	78	98	99	94	127	125	105
7	139	132	144	134	144	152	168	181	171	187	197	202	194	195	180	164	149	132	111	100	133	155	157	137	163
8	130	113	137	153	127	136	143	163	156	163	160	161	155	154	149	171	188	206	216	212	205	203	190	192	161
9	168	173	175	175	173	173	198	212	227	199	221	184	256	103	177	200	215	206	303	359	309	314	308	179	193
10	132	251	211	276	286	300	314	355	347	350	334	351	7	12	37	57	37	48	23	59	72	87	73	24	6
11	308	321	271	189	280	292	329	347	6	13	2	15	32	22	31	45	32	32	30	29	27	25	29	38	20
12	52	34	28	37	43	26	34	29	37	39	38	32	54	60	60	72	62	96	91	102	104	93	58	69	57
13	81	54	64	54	22	53	53	71	60	17	312	288	329	352	345	360	351	343	332	343	332	345	354	357	351
14	348	351	345	345	353	359	348	352	348	343	341	346	339	342	347	345	345	336	323	327	319	320	343	328	341
15	307	300	327	338	321	326	312	329	328	316	305	325	313	324	329	330	321	324	327	317	331	332	309	321	322
16	322	305	311	319	313	306	304	309	301	291	299	311	316	318	318	318	319	331	320	341	312	315	310	307	314
17	310	309	327	321	307	316	305	303	313	333	325	335	328	337	326	326	323	329	310	332	324	284	290	303	320
18	293	295	291	294	284	320	310	308	336	340	319	336	325	343	329	338	330	319	298	340	317	305	307	300	318
19	268	245	263	267	235	215	240	255	293	263	283	275	262	260	259	246	290	299	297	290	287	262	239	236	270
20	243	242	252	255	247	269	231	282	297	304	292	287	282	274	294	272	295	289	324	344	351	153	184	172	280
21	192	186	199	210	210	207	206	235	269	260	251	263	231	233	43	71	76	60	62	87	108	113	127	131	148
22	136	147	148	149	156	161	175	169	186	180	151	163	165	156	159	147	135	132	115	117	143	126	143	156	151
23	136	136	143	139	129	170	136	161	164	177	140	148	155	163	166	175	165	146	129	131	136	148	132	151	151
24	149	145	149	145	151	142	144	142	144	144	137	153	163	144	117	133	161	105	135	218	238	252	265	217	146
25	182	207	219	208	206	0	203	188	103	132	130	158	149	174	164	158	166	145	107	135	246	350	108	100	158
26	181	169	161	210	207	208	225	234	168	138	144	156	168	176	181	180	175	181	173	134	135	143	160	160	170
27	175	210	249	285	294	282	271	295	275	296	270	287	285	236	263	247	237	236	236	60	68	99	103	91	269
28	96	103	110	144	226	160	196	205	216	205	223	218	258	285	246	298	359	58	69	72	82	89	101	109	191
29	141	164	169	185	198	181	205	215	208	203	212	167	167	143	124	106	122	125	88	92	131	137	152	147	150
30	156	165	160	171	172	179	199	191	186	205	167	136	102	113	123	111	108	104	80	108	129	135	137	150	142
31	151	158	166	161	161	145	164	176	172	183	174	148	129	104	128	137	87	83	127	120	122	134	144	158	142
Avg	305	275	269	284	281	290	280	280	288	294	284	288	291	317	344	352	344	358	356	11	341	348	335	302	295

Data Recovery: 0% missing; 0% failed QC -- 8928 total 5-minute measurements.

Note: Fractional values that do not appear in the hour columns are included in the calculation for daily values.

Data and Flag	Hour Column	Day Column
<value>*	20% < Missing < 100%	10% < Missing < 100%
<value>?	20% < Fail QC < 100%	10% < Fail QC < 100%
<blank>*	100% Missing	100% Missing
<blank>?	100% Fail QC	100% Fail QC

Station: EC
Latitude: 36.30° N
Longitude: 76.25° W
Elevation: 4 Meters AMSL
Time Zone: -5

Instrument: NRGV
Calibration Constant: 0.14 deg/mV
Serial Number: 0
Calibration Date: 6/1/95



**Peak Wind Speed**  
**Hourly and Daily Averages**  
**Meters/Second**  
**Elizabeth City State Universit - May 1999**

Field: Pk WS

Hour Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily
1	9	8	9	10	9	10	10	11	10	11	12	11	12	12	12	12	11	12	11	11	10	10	10	9	10
2	10	10	10	10	10	11	11	11	11	10	10	12	12	10	10	10	10	10	9	7	8	7	7	6	10
3	5	6	5	6	5	4	5	5	6	6	6	7	7	7	7	6	6	6	5	6	5	5	4	3	6
4	4	4	4	4	4	3	2	3	3	3	4	3	4	4	3	3	3	3	3	4	3	2	2	1	3
5	1	1	1	1	1	1	1	1	2	2	3	4	4	5	4	5	5	3	1	1	1	1	4	2	2
6	2	2	3	2	2	1	1	3	3	3	3	4	5	6	5	5	5	4	4	4	5	4	2	3	3
7	4	5	5	5	4	4	5	7	7	6	8	9	7	6	6	6	5	6	5	4	6	6	4	4	6
8	4	5	5	4	5	5	5	7	9	10	8	9	9	9	8	9	7	6	4	2	1	1	1	1	6
9	1	2	2	2	2	2	3	3	2	2	3	4	3	4	5	6	5	3	2	2	1	0	0	1	2
10	1	1	0	1	3	3	4	6	7	7	6	5	5	5	5	5	4	4	3	3	1	2	1	1	3
11	1	1	1	0	1	1	3	3	4	4	5	6	6	6	5	6	5	5	5	4	3	3	3	3	3
12	3	2	1	1	2	2	3	4	4	5	5	6	7	7	7	7	6	4	4	5	3	2	2	2	4
13	2	1	1	1	1	2	3	3	2	3	4	5	4	5	5	5	5	5	5	6	5	6	5	5	4
14	5	5	5	6	7	7	8	8	8	7	8	7	8	8	10	11	9	8	8	8	8	9	9	9	8
15	7	8	8	8	8	9	8	9	10	10	10	10	10	10	10	11	10	10	9	7	8	7	7	7	9
16	6	6	6	5	5	5	6	7	6	7	7	7	6	8	7	7	8	7	7	7	7	6	6	5	6
17	5	5	4	4	4	4	3	4	4	5	6	6	7	7	7	7	7	6	5	4	4	3	3	3	5
18	4	4	4	4	5	5	4	5	5	6	6	5	5	6	6	5	6	5	4	3	3	3	3	3	5
19	2	2	2	3	2	3	2	3	4	4	5	5	5	6	5	7	6	4	4	4	4	3	2	1	4
20	1	1	3	4	4	3	3	5	7	6	6	5	6	6	5	6	5	4	2	1	1	1	1	2	4
21	2	1	2	2	2	3	3	3	3	3	4	4	4	4	6	5	5	4	2	3	4	3	4	4	3
22	4	3	3	3	3	2	3	5	5	4	5	6	5	6	7	6	6	4	4	5	5	5	6	5	5
23	6	6	5	6	6	4	4	6	7	6	6	6	8	7	7	7	6	6	4	5	5	6	4	6	6
24	5	5	7	8	8	8	9	8	8	7	8	9	7	6	7	6	8	2	1	1	2	1	0	0	5
25	1	1	1	1	1	0	1	2	2	5	6	6	6	7	7	8	5	4	2	3	3	1	0	0	3
26	0	1	1	1	1	2	2	1	1	2	2	3	3	3	4	5	4	4	3	2	3	2	3	2	2
27	2	3	3	5	6	5	5	5	6	6	6	5	5	6	6	6	5	4	3	3	2	2	2	2	4
28	2	1	1	0	1	1	2	2	2	3	4	4	4	4	3	3	3	3	3	2	2	1	2	1	2
29	1	1	2	2	2	2	2	3	3	3	4	3	3	4	4	4	5	4	3	3	3	4	3	3	3
30	3	3	2	2	3	3	3	4	4	3	4	4	5	5	5	4	5	4	3	3	3	3	3	3	3
31	3	3	3	2	2	2	3	4	4	4	3	4	5	5	5	4	3	3	4	4	3	3	4	4	3
Avg	3	3	4	4	4	4	4	5	5	5	6	6	6	6	6	6	6	5	4	4	4	4	3	3	5
S/D	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
S/A	0.72	0.72	0.69	0.73	0.69	0.71	0.65	0.53	0.5	0.46	0.41	0.4	0.38	0.33	0.32	0.34	0.34	0.44	0.53	0.57	0.58	0.7	0.7	0.72	0.46
Min	0	1	0	0	1	0	1	1	1	2	2	3	3	3	3	3	3	2	1	1	1	0	0	0	2
Max	10	10	10	10	10	11	11	11	11	11	12	12	12	12	12	12	11	12	11	11	10	10	10	9	10

Data Recovery: 0% missing; 0% failed QC -- 8928 total 5-minute measurements.

Note: Fractional values that do not appear in the hour columns are included in the calculation for daily values.

Data and Flag	Hour Column	Day Column
<value>*	20% < Missing < 100%	10% < Missing < 100%
<value>?	20% < Fail QC < 100%	10% < Fail QC < 100%
<blank>*	100% Missing	100% Missing
<blank>?	100% Fail QC	100% Fail QC

Station: EC  
Latitude: 36.30° N  
Longitude: 76.25° W  
Elevation: 4 Meters AMSL  
Time Zone: -5

Instrument: NRG  
Calibration Constant: 0.76 m/s/mV  
Serial Number: 0 WSP  
Calibration Date: 6/1/95

